

PIXEL AND PROCESS FOR AN IN-PLANE SWITCHING LIQUID CRYSTAL DISPLAY

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ABSTRACT OF THE DISCLOSURE

10 A pixel and its process for an in-plane switching liquid
crystal display achieves more spreading angles and smooth
performance for scattering of light for image display therewith by
using a reflector having a reflective surface with roughness in
nanometer scale for light scattering and contrast improvement. As a
result, the reflectivity doesn't change enormously with the viewing
angle and excellent anti-glare effect is obtained. Moreover, the
15 roughness of the reflective surface is formed by the crystallization and
the characteristic of the material thereof owns, and thus no additional
mask is required.